Abstract

A software-based development tool is operative to automatically determine an appropriate simulation configuration for a multistage switch fabric or other multiple circuit element electronic system. The development tool includes an interface permitting user control of one or more configurable parameters of the electronic system, and automatically generates a simulation

5   configuration for the electronic system based on current values of the configurable parameters. The simulation configuration is advantageously generated without requiring further user input, and specifies interconnections between the circuit elements which satisfy the current values of the configurable parameters.